

We claim:

1. A server management system comprising:

a plurality of user stations for multiplexing signals  
output from associated keyboards and mouse devices, and for  
5 providing an interface to a video display;

a matrix switching unit for enabling a plurality of users  
to operate a plurality of remotely located computers, wherein  
said matrix switching unit is coupled to at least one of said  
user stations by a single CAT5 cable; and

10 a computer interface module coupled to said matrix  
switching unit and coupled to said remotely located computers  
for establishing a communications pathway between said user  
stations and said remotely located computers, wherein said  
15 remotely located computers provide video signals to said video  
display via said matrix switching unit and wherein said user  
stations provide data from said keyboard and said mouse devices  
to said remotely located computers via said matrix switching  
unit.

2. A server management system comprising:

20 a plurality of user stations for multiplexing signals  
output from associated keyboards and mouse devices, and for

providing an interface to a video display;

a matrix switching unit for enabling a plurality of users to operate a plurality of remotely located computers, wherein said matrix switching unit is coupled to at least one of said user stations; and

a computer interface module coupled to said matrix switching unit via a single CAT5 cable and coupled to said remotely located computers for establishing a communications pathway between said user stations and said remotely located computers, wherein said remotely located computers provide video signals to said video display via said matrix switching unit and wherein said user stations provide data from said keyboard and said mouse devices to said remotely located computers via said matrix switching unit.

3. A method of providing an efficient interface between a multiplicity of computers, keyboards, mouse devices and video monitors comprising:

connecting at least one user station with associated keyboards, mouse devices, and a video display with a matrix switching unit via a single CAT5 cable for enabling a user to operate a remotely located computer;

connecting said matrix switching unit with at least one  
computer interface module via a single CAT5 cable, wherein said  
computer interface module establishes a communications pathway  
between said user stations and said remotely located computers,  
5 and wherein said remotely located computers provide video  
signals to said video display via said matrix switching unit  
and wherein said user stations provide data from said keyboard  
and said mouse devices to said remotely located computers via  
said matrix switching unit.

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